

FIG.1

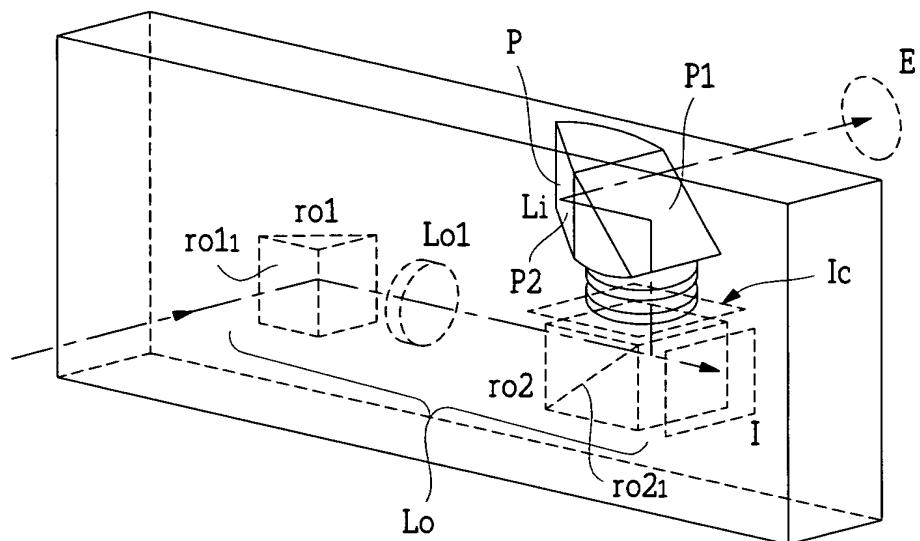


FIG.2

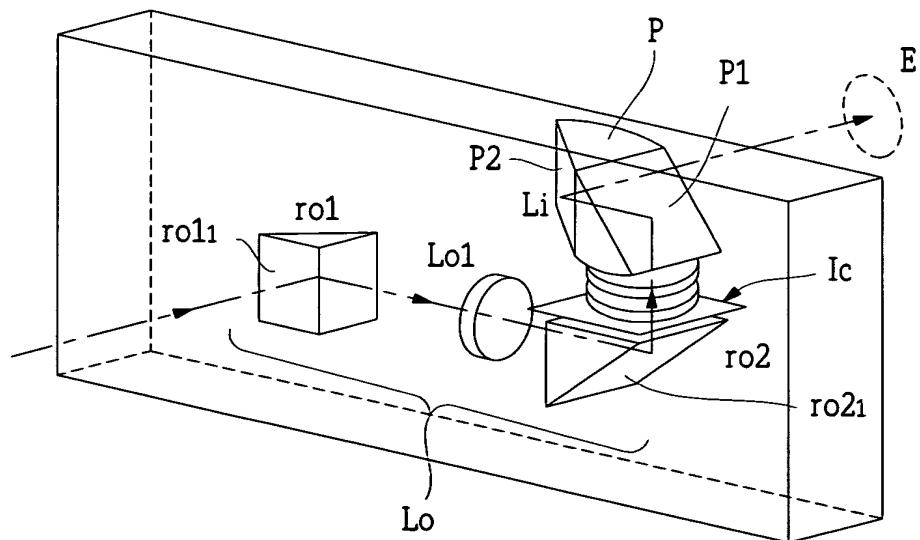


FIG. 3A

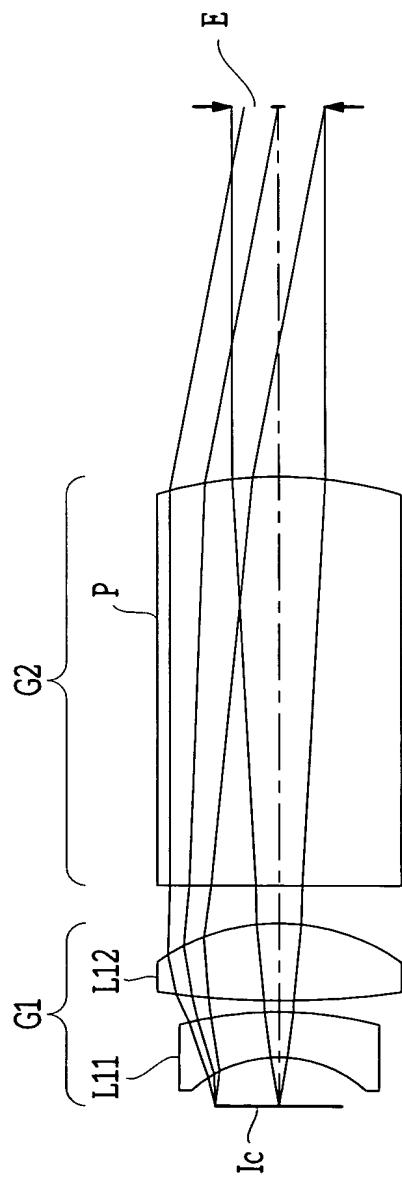


FIG. 3B

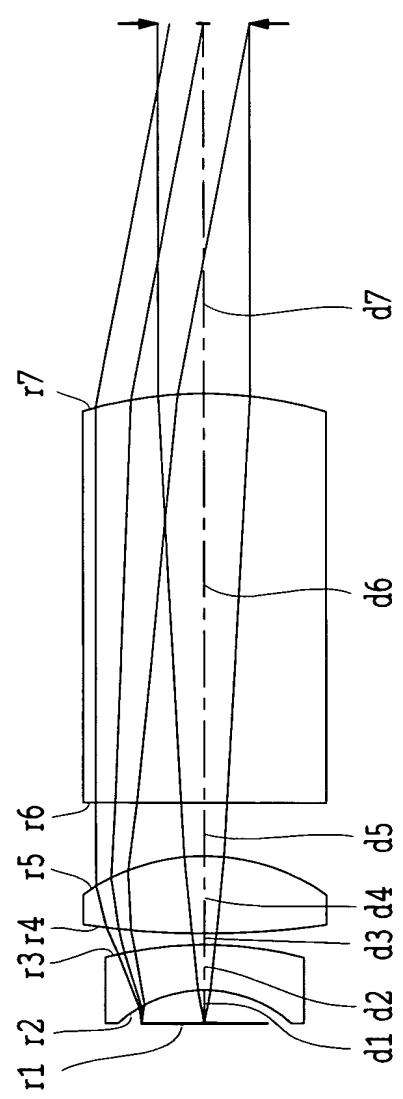


FIG. 3C

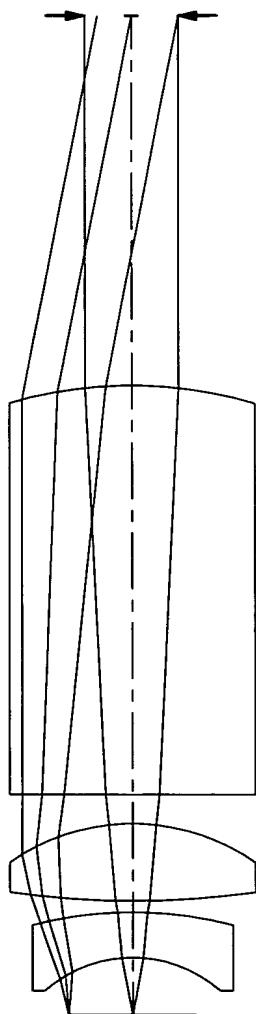


FIG. 4A
SPHERICAL
ABERRATION (dp)

FIG. 4B
ASTIGMATISM (dp)

FIG. 4C
CHROMATIC ABERRATION
OF MAGNIFICATION (a)

IH 2.52

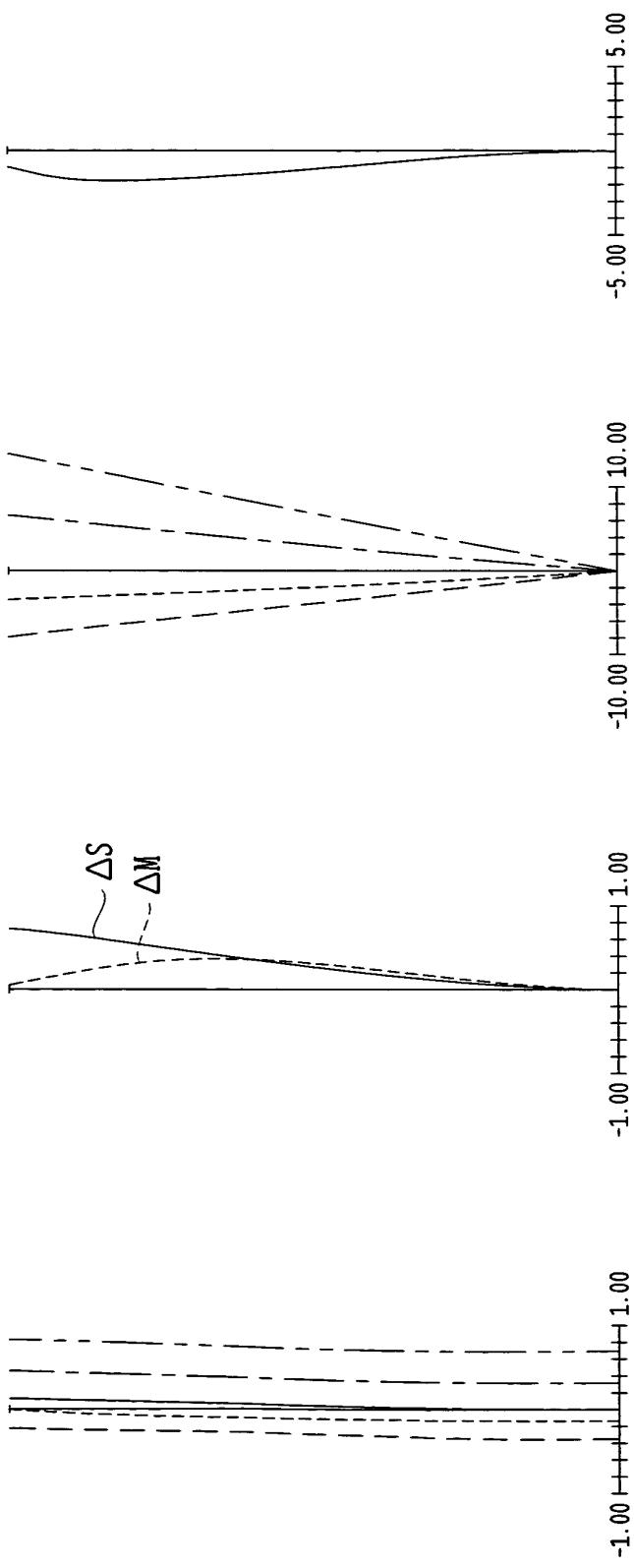
IH 2.52

DISTORTION (%)

NA 0.148

NA 0.148

$\sim \Delta S$
 $\sim \Delta M$



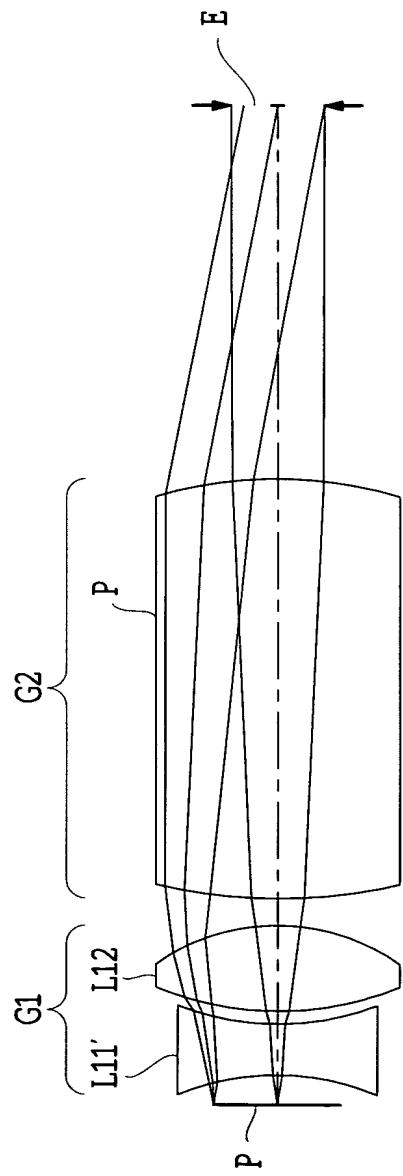


FIG. 5A

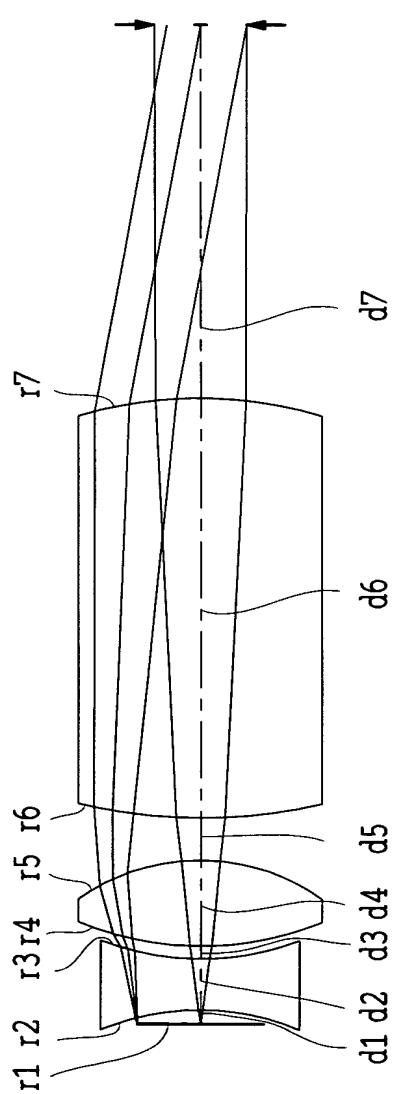


FIG. 5B

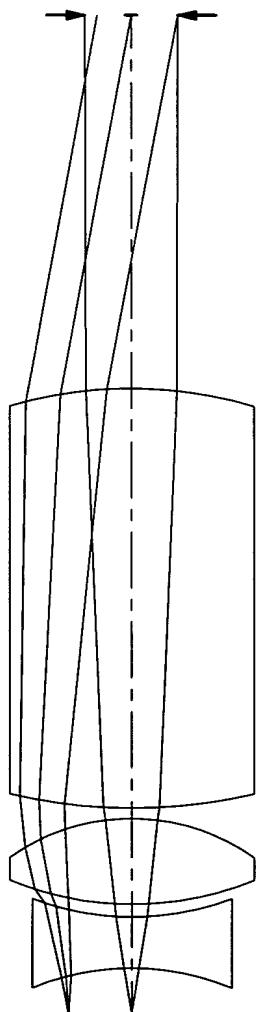


FIG. 5C

FIG. 6A
SPHERICAL
ABERRATION (dp)

NA 0.140

FIG. 6B

ASTIGMATISM (dp)

NA 2.52

FIG. 6C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)

NA 2.52

FIG. 6D

DISTORTION (%)

NA 2.52

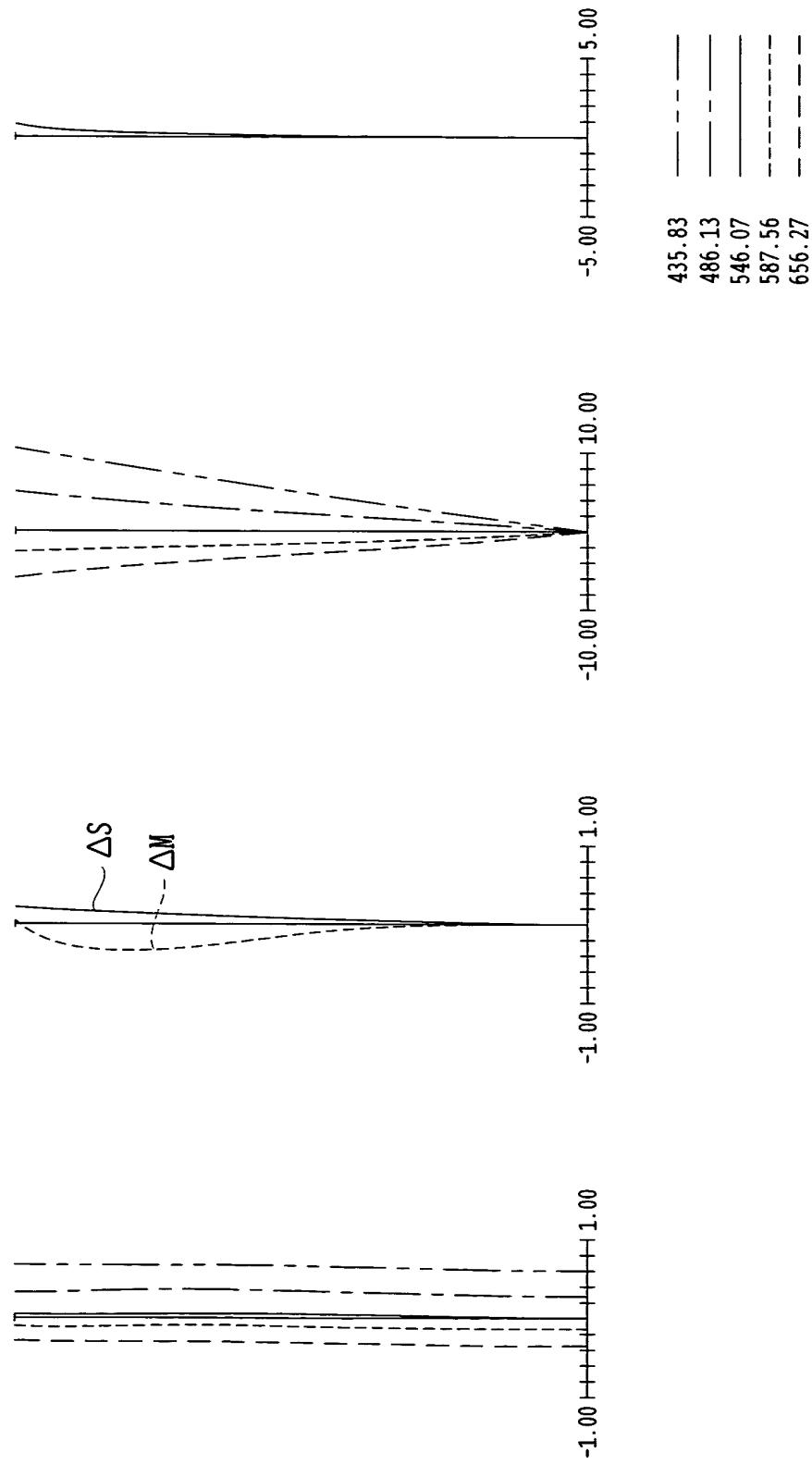


FIG. 7A

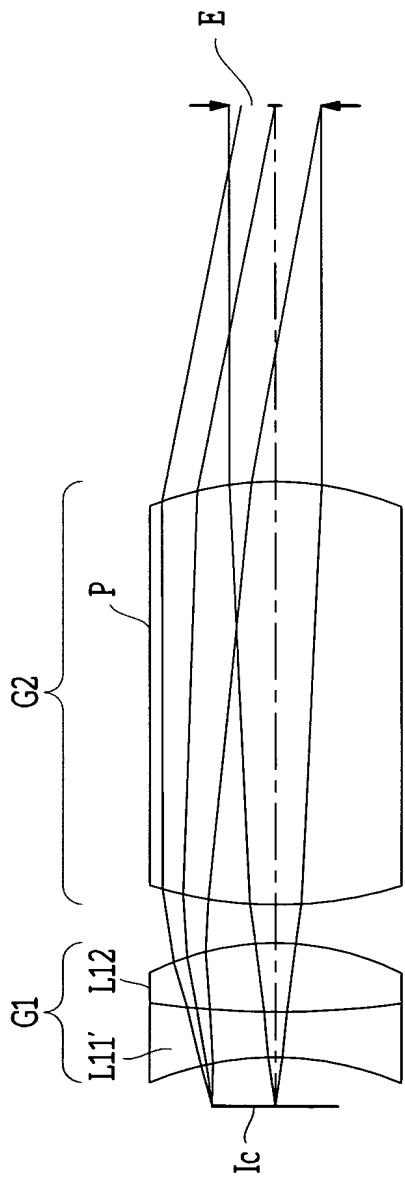


FIG. 7B

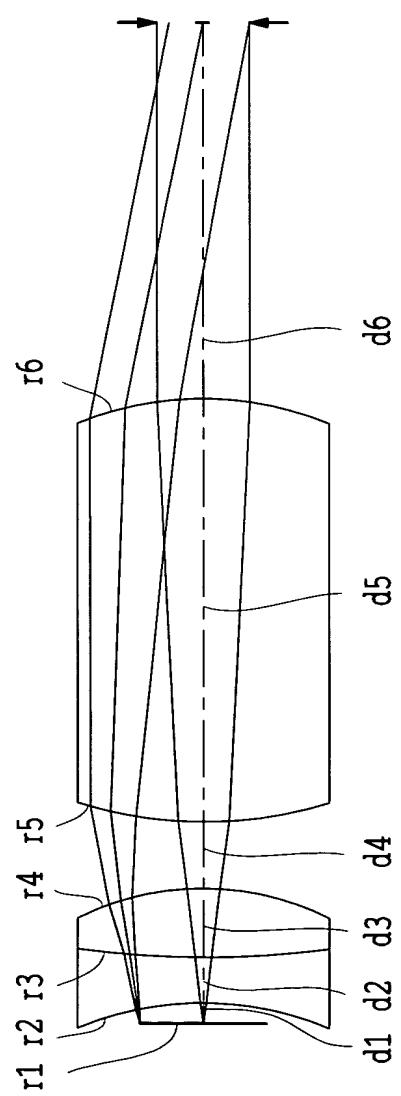


FIG. 7C

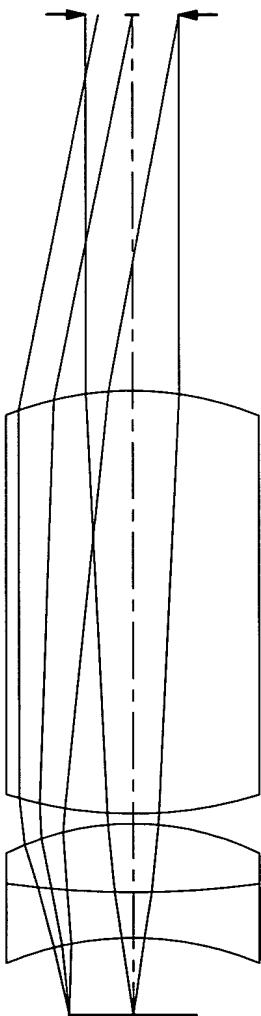


FIG. 8A
SPHERICAL
ABERRATION (dp)

NA 0.139

FIG. 8B
ASTIGMATISM (dp)

NA 2.52

FIG. 8C
CHROMATIC ABERRATION
OF MAGNIFICATION (a)

NA 2.52

IH 2.52

FIG. 8D
DISTORTION (%)

IH 2.52

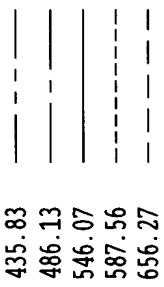
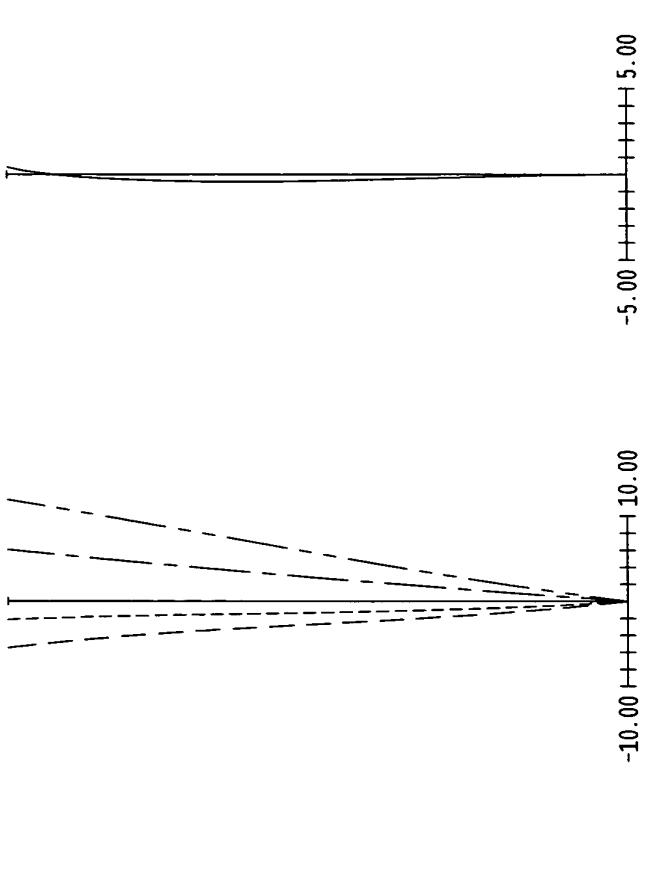
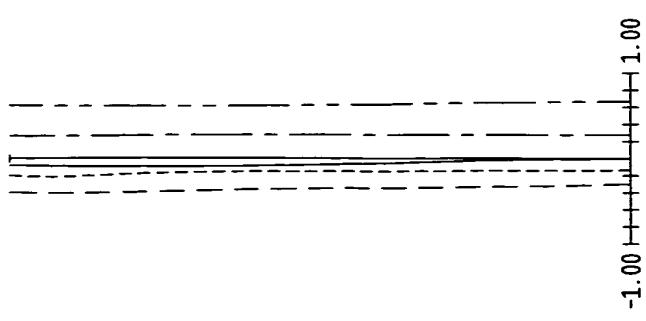


FIG. 9A

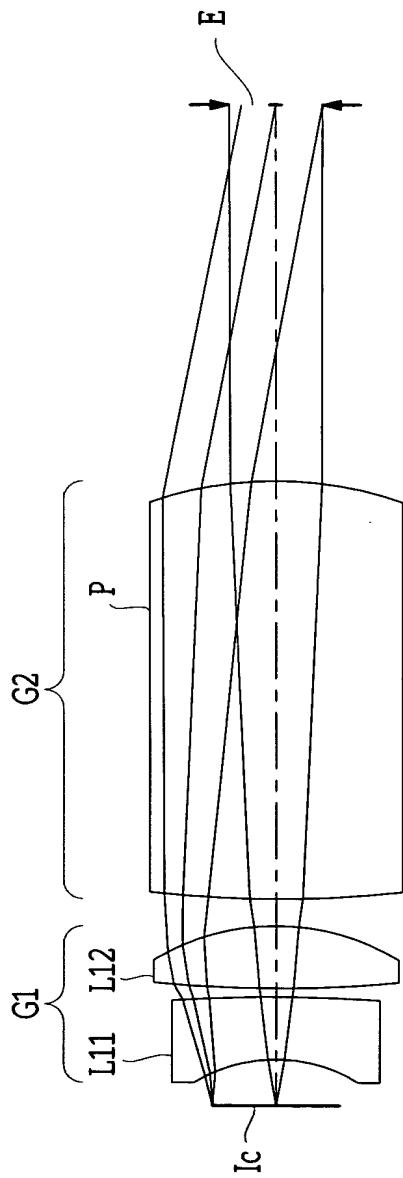


FIG. 9B

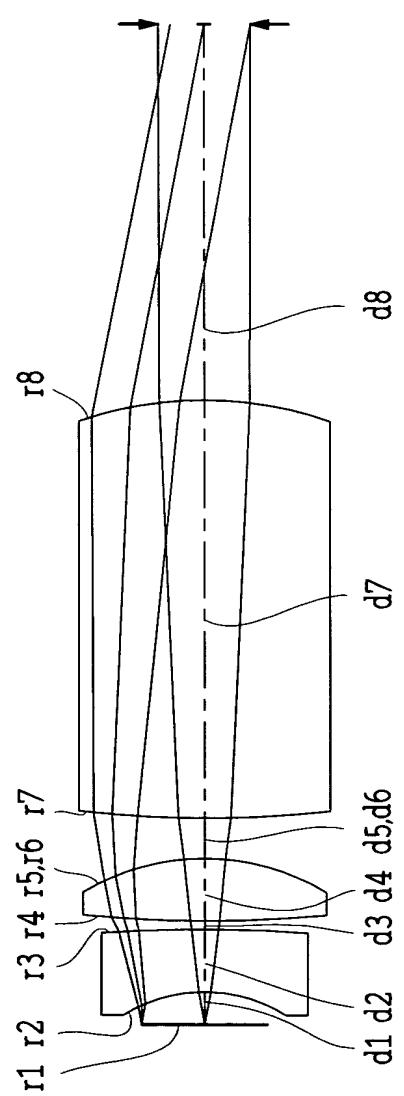


FIG. 9C

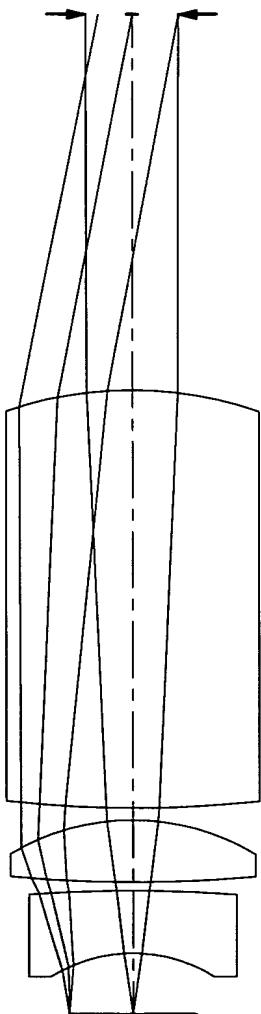


FIG. 10A

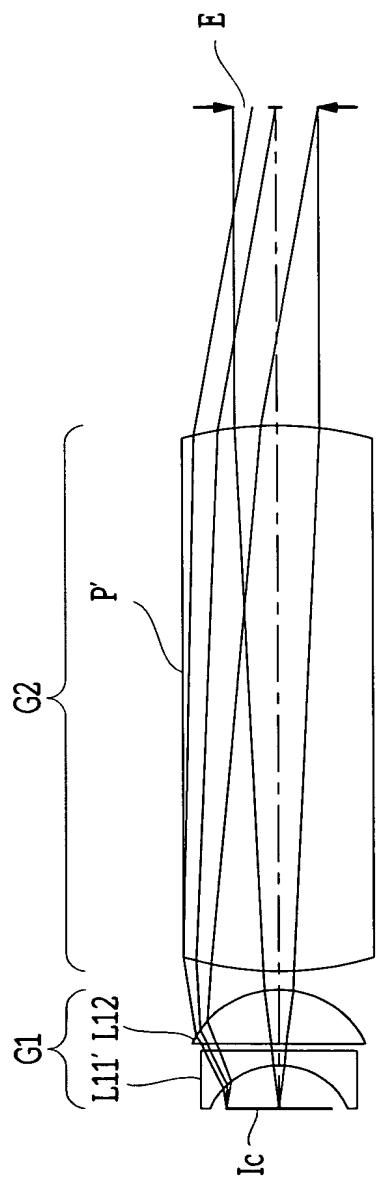


FIG.10B

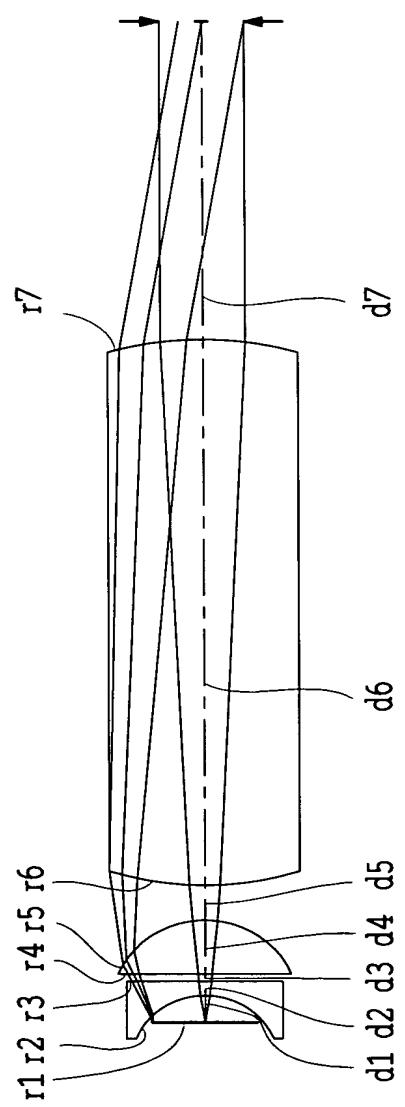


FIG.10C

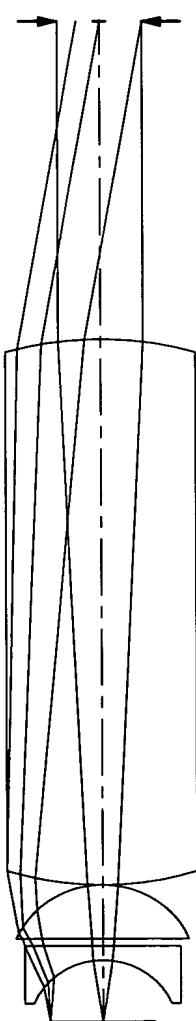


FIG. 11A
SPHERICAL
ABERRATION (dp)

NA 0.123

FIG. 11B
ASTIGMATISM (dp)

NA 2.52

FIG. 11C
CHROMATIC ABERRATION
OF MAGNIFICATION (a)

NA 2.52

IH 2.52

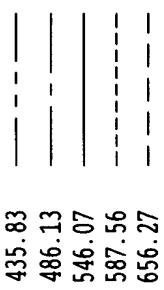
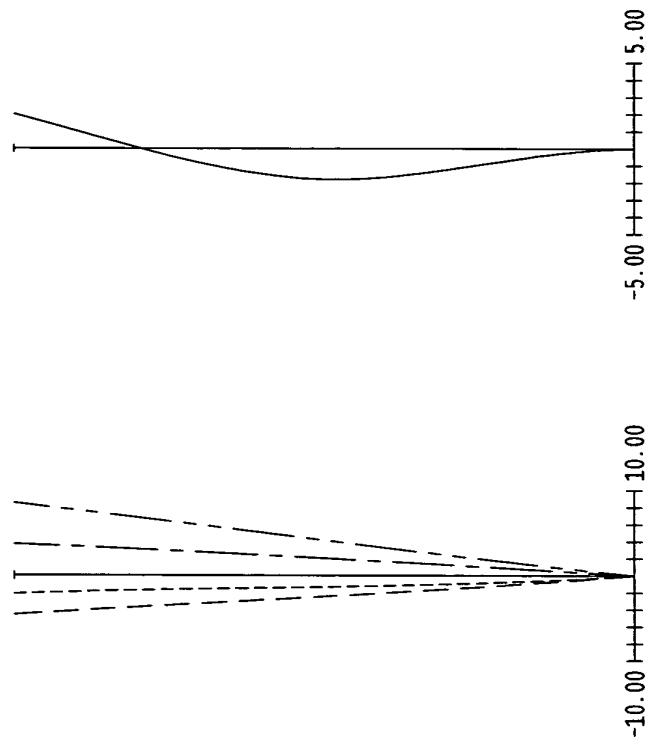
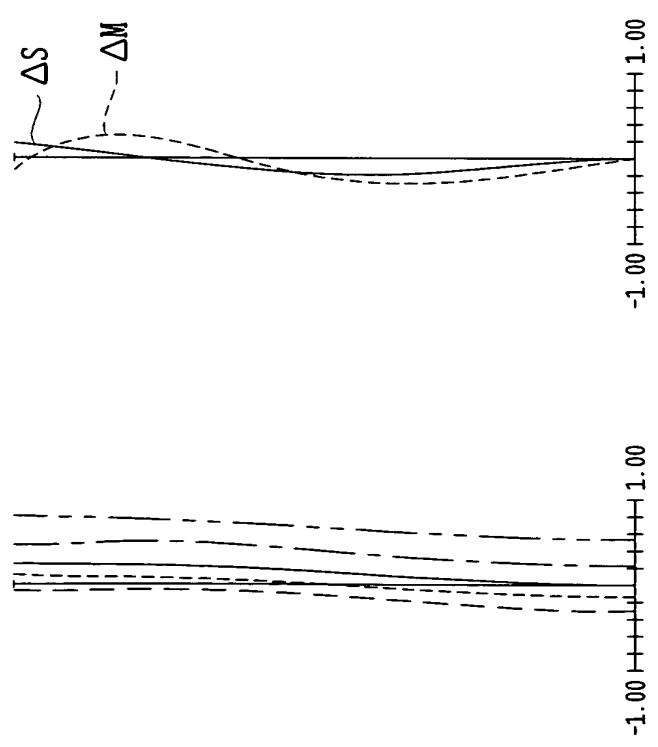


FIG. 12A

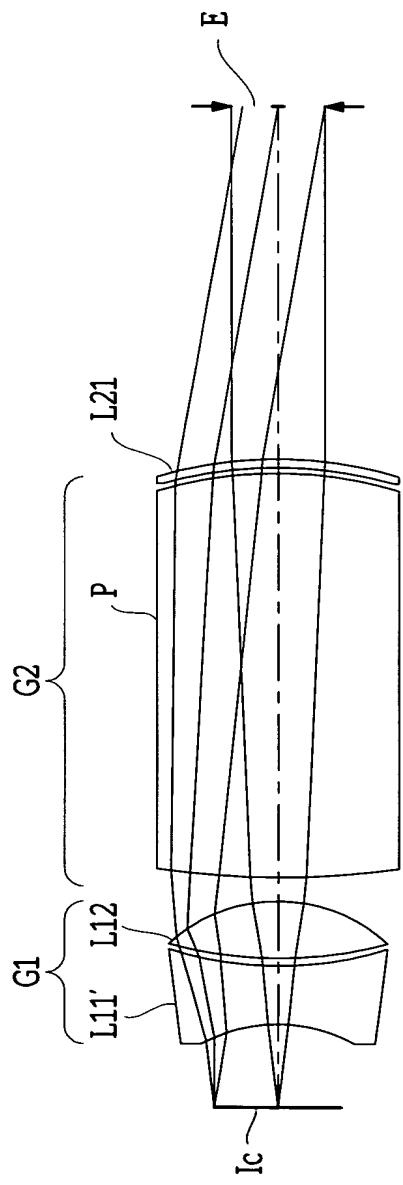


FIG.12B

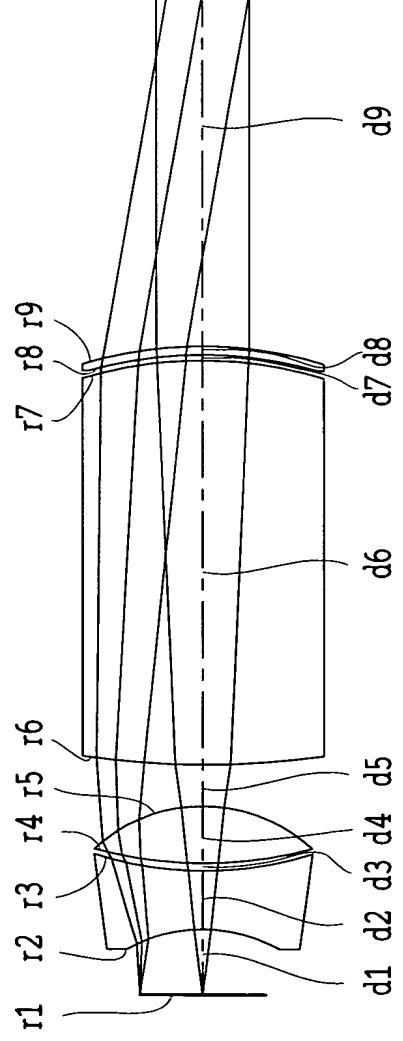


FIG.12C

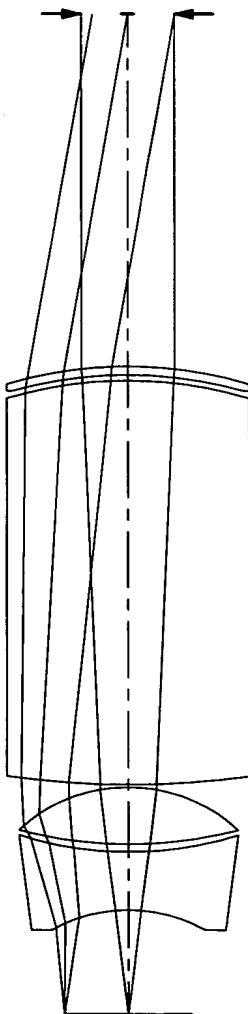


FIG. 13A
SPHERICAL
ABERRATION (dp)

NA 0.121

FIG. 13B
ASTIGMATISM (dp)

NA 2.52

FIG. 13C
CHROMATIC ABERRATION
OF MAGNIFICATION (a)

NA 2.52

FIG. 13D
DISTORTION (%)

NA 2.52

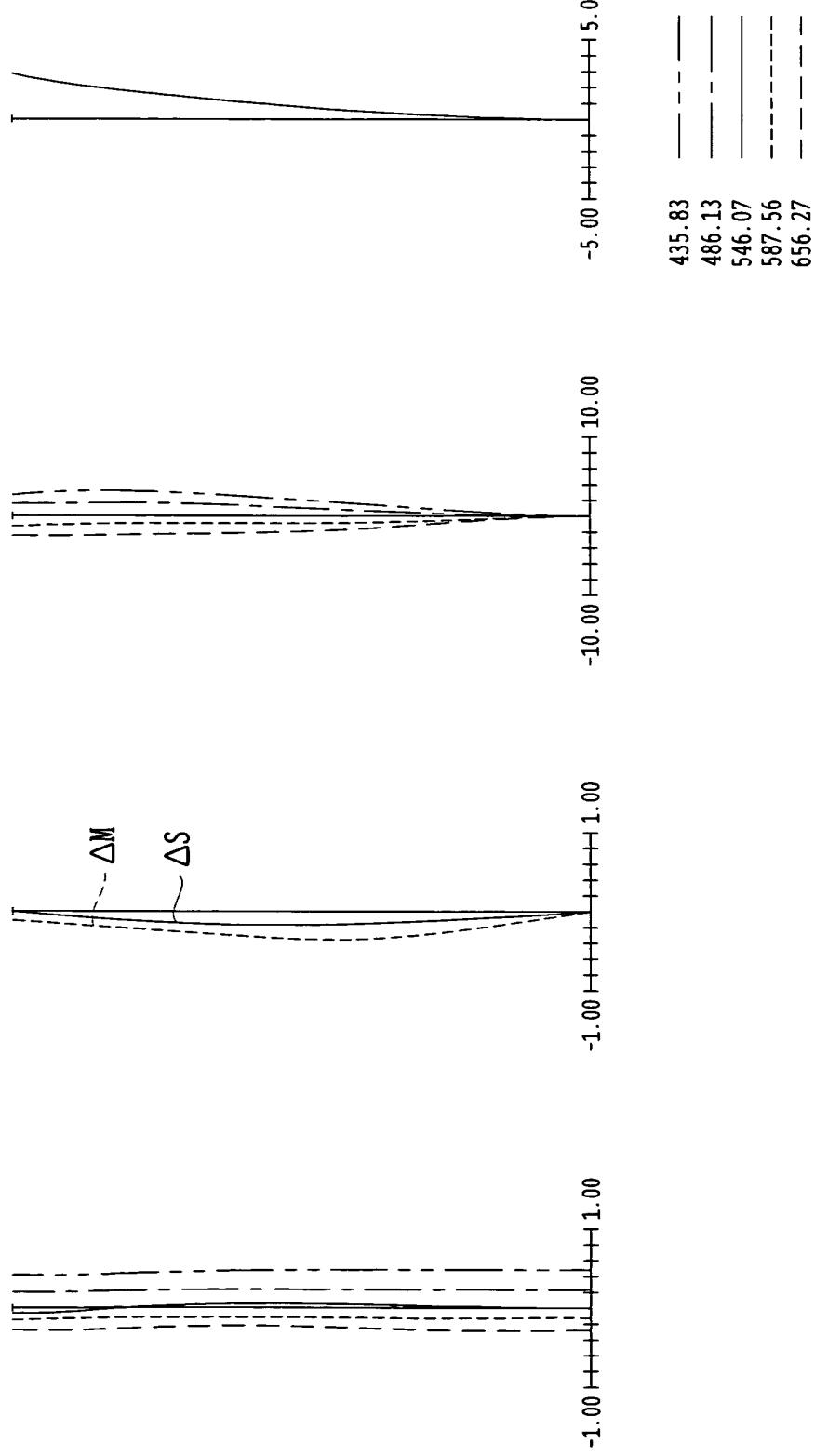


FIG. 14A

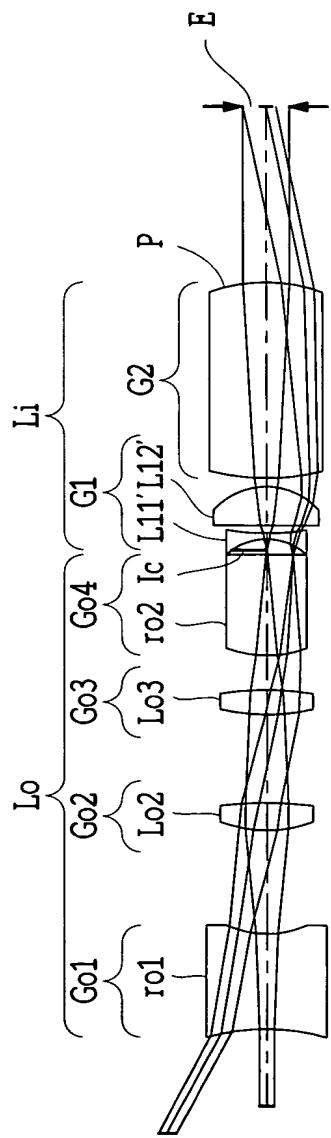


FIG. 14B

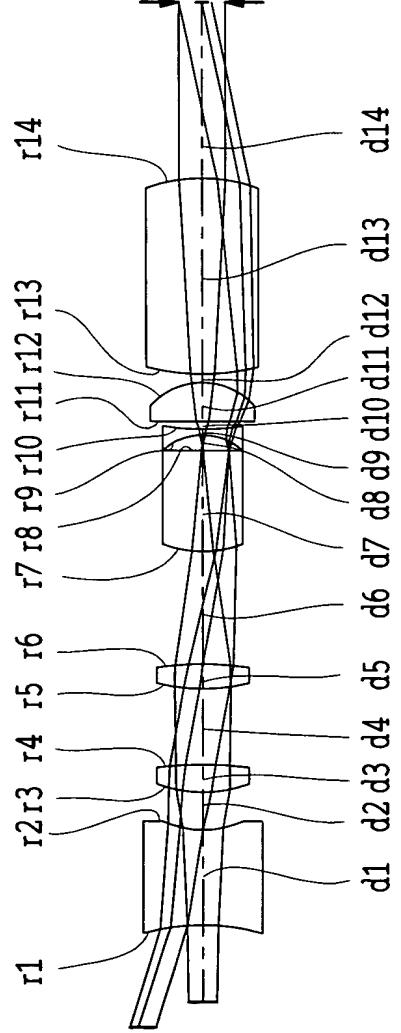


FIG. 14C

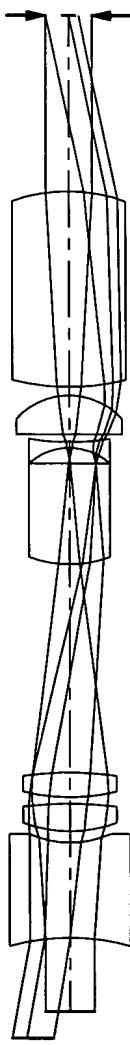


FIG.15A

SPHERICAL
ABERRATION (dp)
FNO 248.044

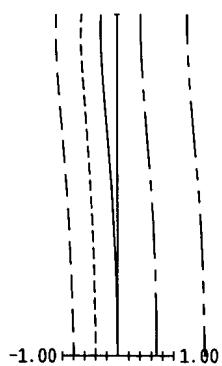


FIG.15B

ASTIGMATISM (dp)
IH 25.34

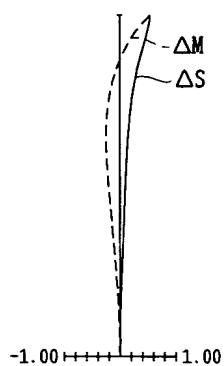


FIG.15C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 25.34

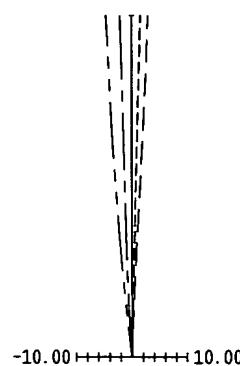


FIG.15D

DISTORTION (%)
IH 25.34

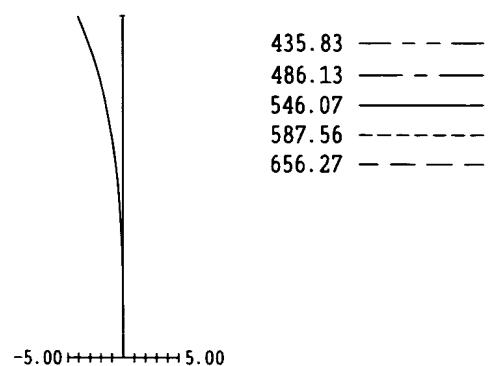


FIG.16A

SPHERICAL
ABERRATION (dp)
FNO 247.008

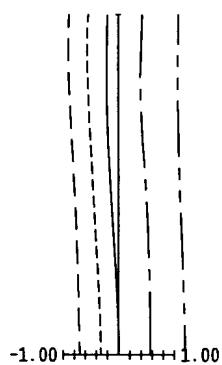


FIG.16B

ASTIGMATISM (dp)
IH 15.56

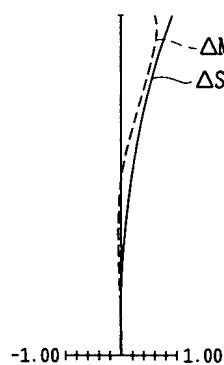


FIG.16C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 15.56

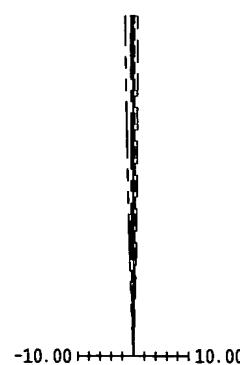


FIG.16D

DISTORTION (%)
IH 15.56

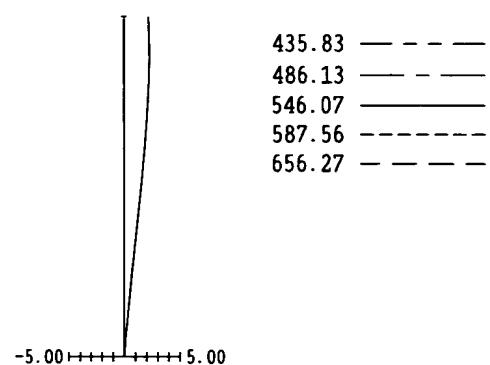


FIG.17A

SPHERICAL
ABERRATION (dp)
FNO 245.039

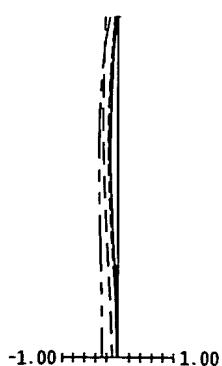


FIG.17B

ASTIGMATISM (dp)
IH 9.43

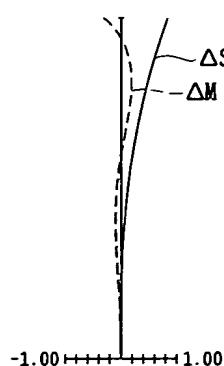


FIG.17C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 9.43

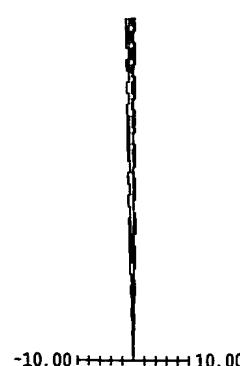


FIG.17D

DISTORTION (%)
IH 9.43

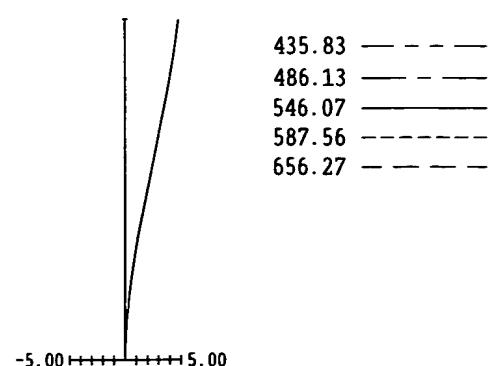


FIG. 18A

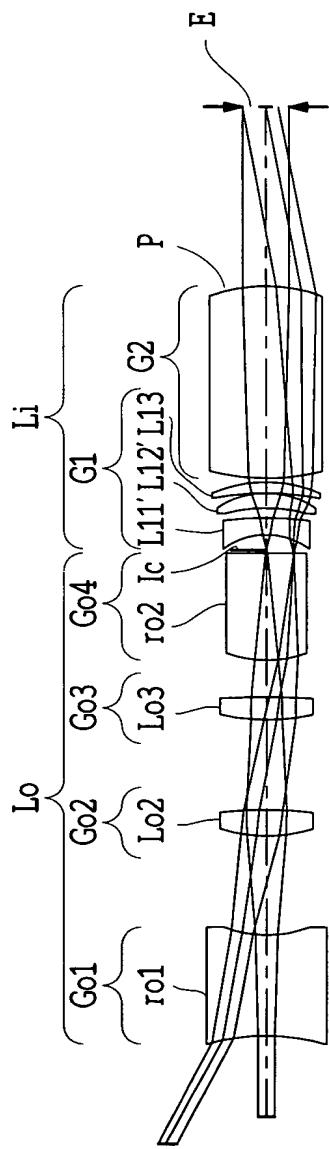


FIG. 18B

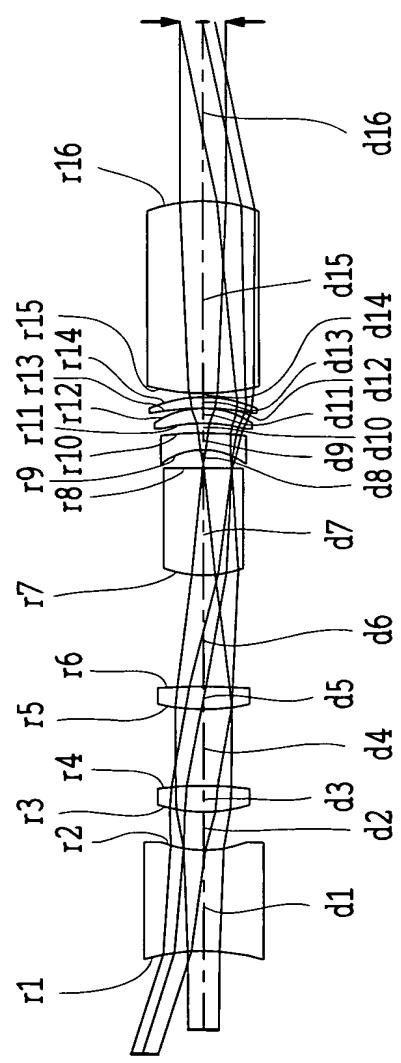


FIG. 18C

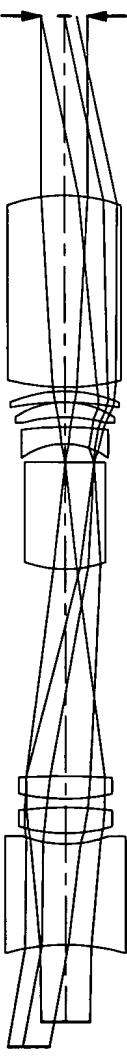


FIG.19A

SPHERICAL
ABERRATION (dp)
FNO 274.854

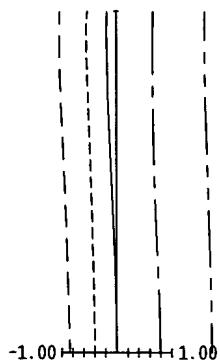


FIG.19B

ASTIGMATISM (dp)
IH 25.34

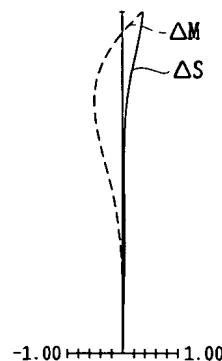


FIG.19C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 25.34

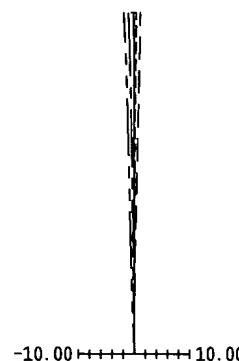


FIG.19D

DISTORTION (%)
IH 25.34

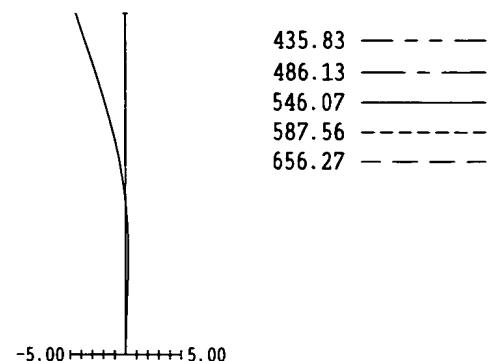


FIG.20A

SPHERICAL
ABERRATION (dp)
FNO 294.835

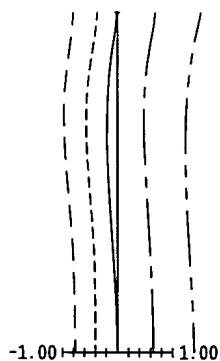


FIG.20B

ASTIGMATISM (dp)
IH 15.56

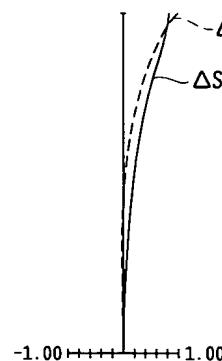


FIG.20C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 15.56

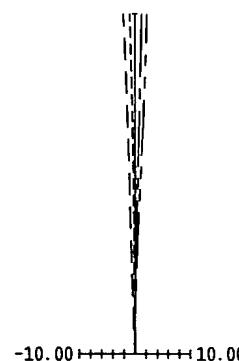


FIG.20D

DISTORTION (%)
IH 15.56

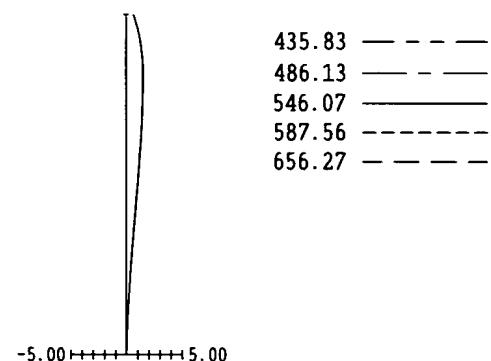


FIG.21A

SPHERICAL
ABERRATION (dp)
FNO 380.267

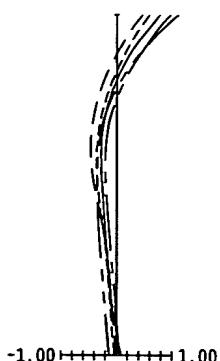


FIG.21B

ASTIGMATISM (dp)
IH 9.43

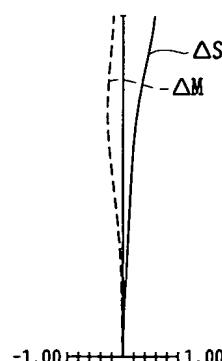


FIG.21C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 9.43

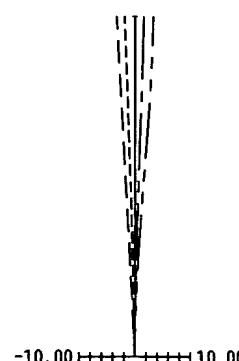


FIG.21D

DISTORTION (%)
IH 9.43

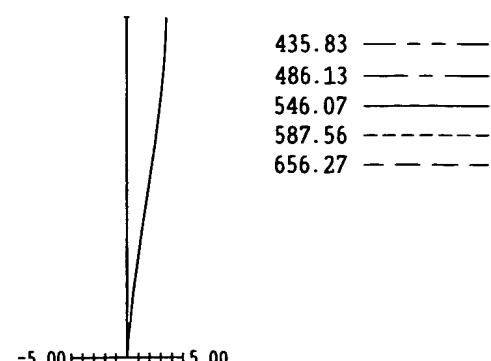


FIG. 22A

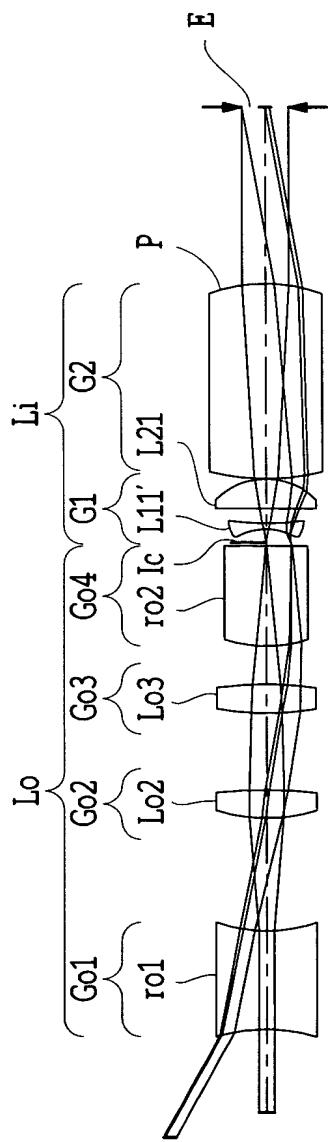


FIG. 22B

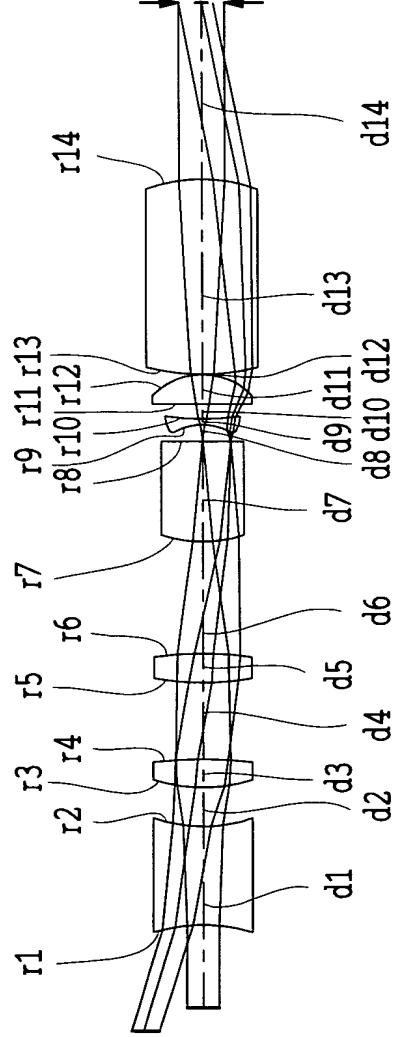


FIG. 22C

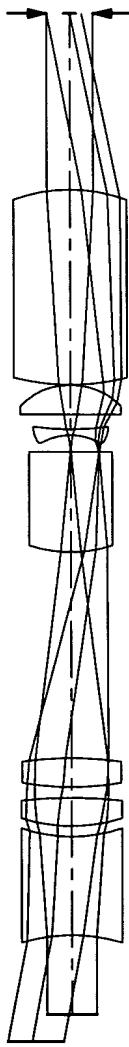


FIG. 23A

SPHERICAL
ABERRATION (dp)
FNO 246.107

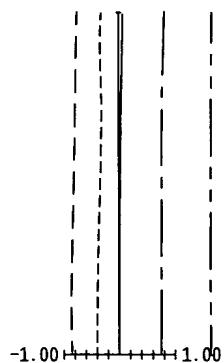


FIG. 23B

ASTIGMATISM (dp)
IH 25.34

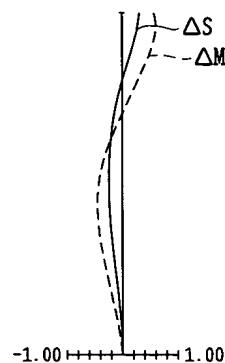


FIG. 23C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 35.34

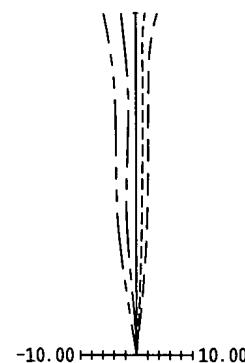


FIG. 23D

DISTORTION (%)
IH 25.34

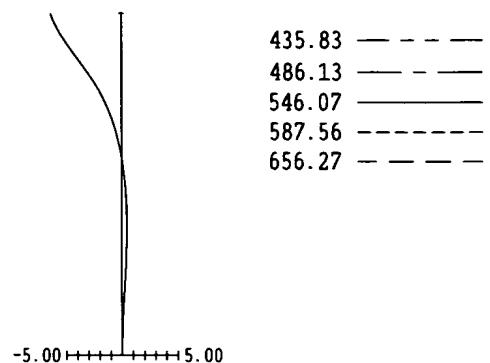


FIG. 24A

SPHERICAL
ABERRATION (dp)
FNO 299.396

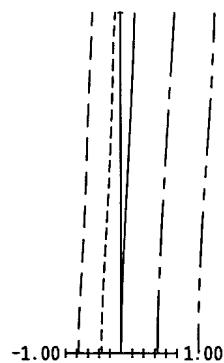


FIG. 24B

ASTIGMATISM (dp)
IH 15.56

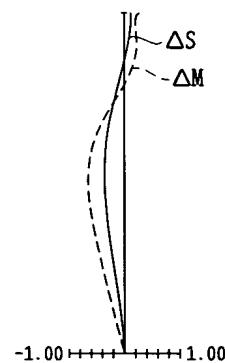


FIG. 24C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 15.56

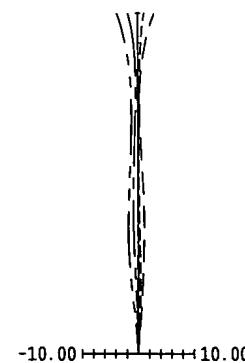


FIG. 24D

DISTORTION (%)
IH 15.56

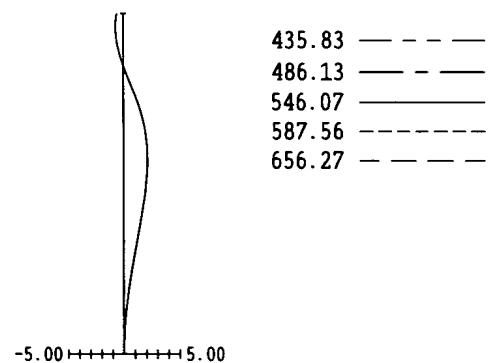


FIG. 25A

SPHERICAL
ABERRATION (dp)
FNO 473.713

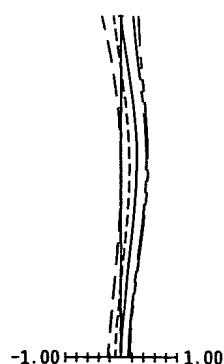


FIG. 25B

ASTIGMATISM (dp)
IH 9.43

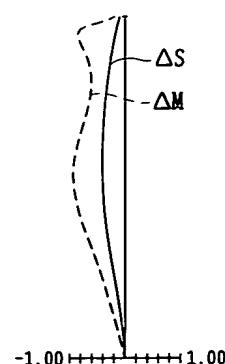


FIG. 25C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 9.43

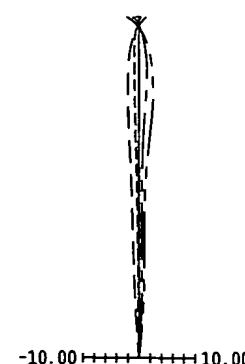


FIG. 25D

DISTORTION (%)
IH 9.43

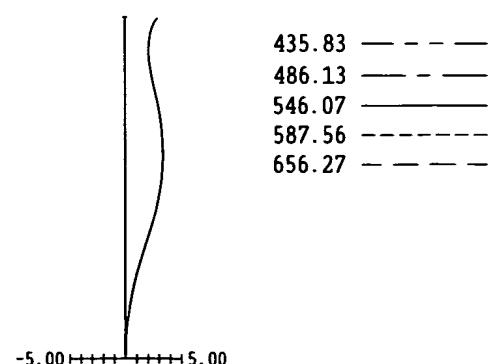


FIG. 26A

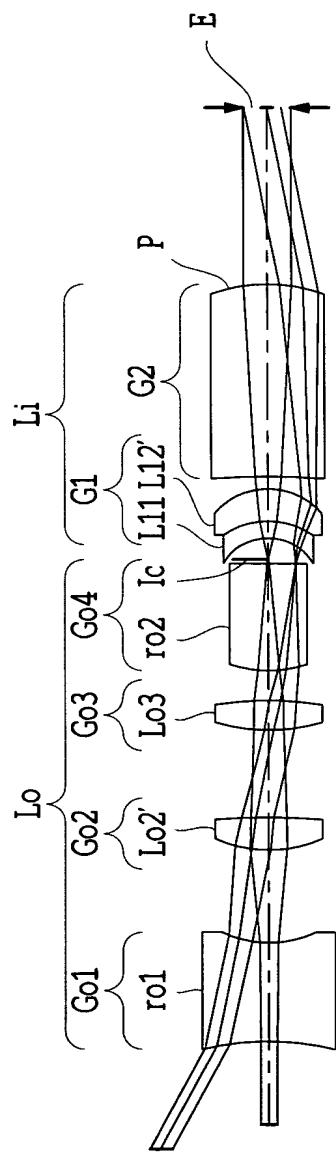


FIG. 26B

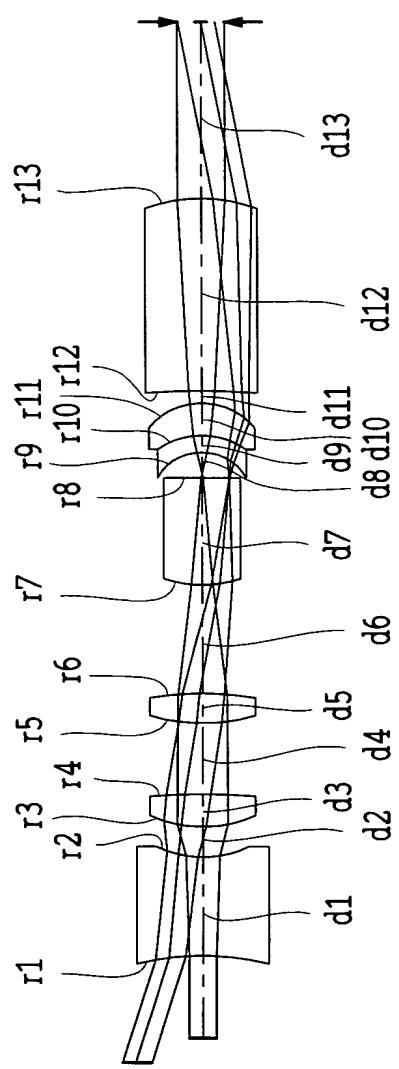


FIG. 26C

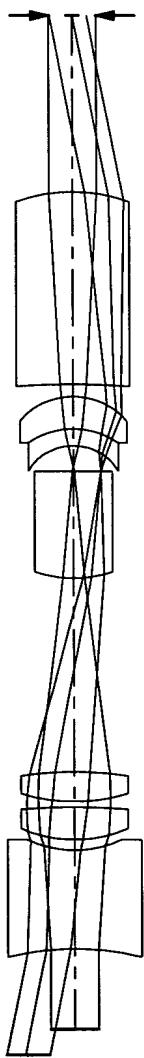


FIG. 27A

SPHERICAL
ABERRATION (dp)
FNO 251.643

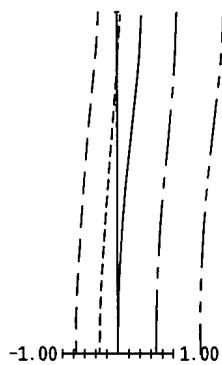


FIG. 27B

ASTIGMATISM (dp)
IH 25.34

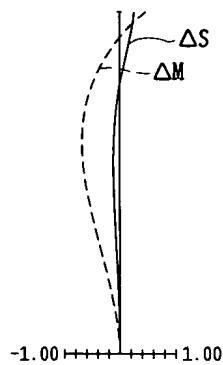


FIG. 27C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 35.34

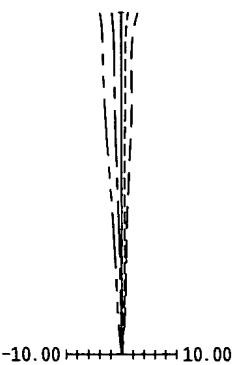


FIG. 27D

DISTORTION (%)
IH 25.34

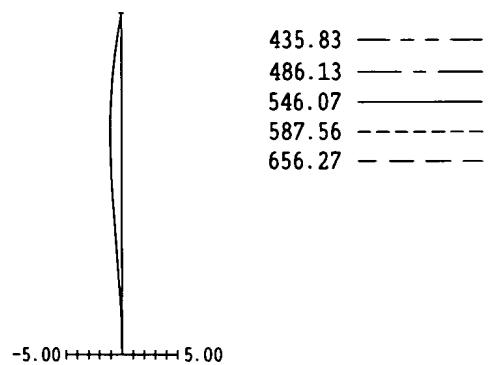


FIG. 28A

SPHERICAL
ABERRATION (dp)
FNO 251.516

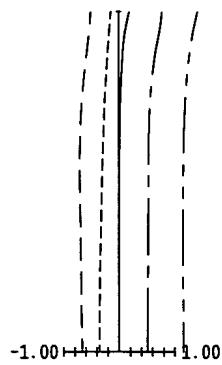


FIG. 28B

ASTIGMATISM (dp)
IH 15.56

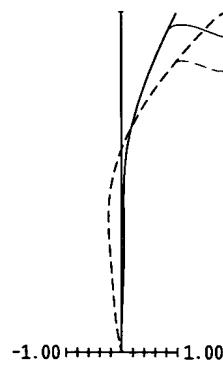


FIG. 28C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 15.56

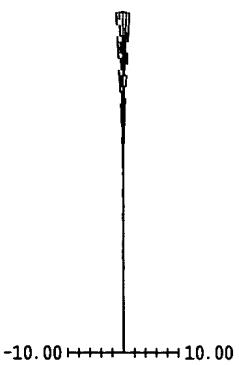


FIG. 28D

DISTORTION (%)
IH 15.56

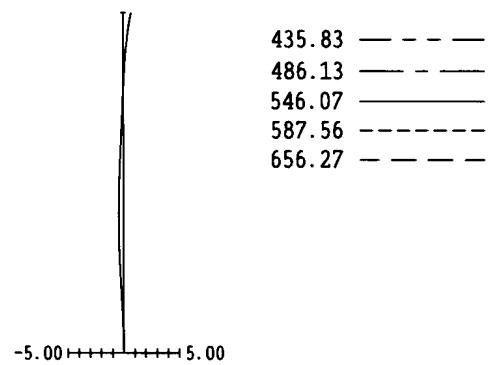


FIG. 29A

SPHERICAL
ABERRATION (dp)
FNO 228.938

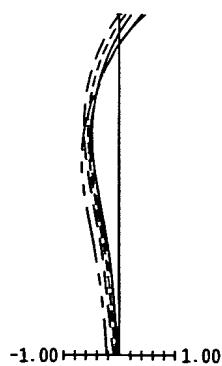


FIG. 29B

ASTIGMATISM (dp)
IH 9.43

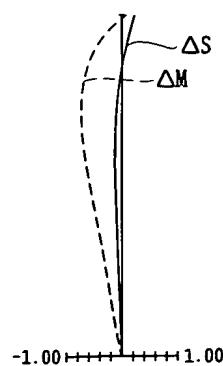


FIG. 29C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 9.43

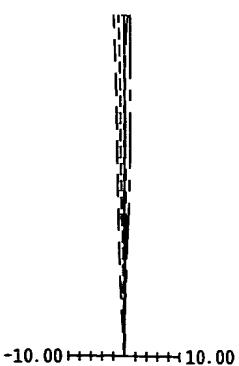


FIG. 29D

DISTORTION (%)
IH 9.43

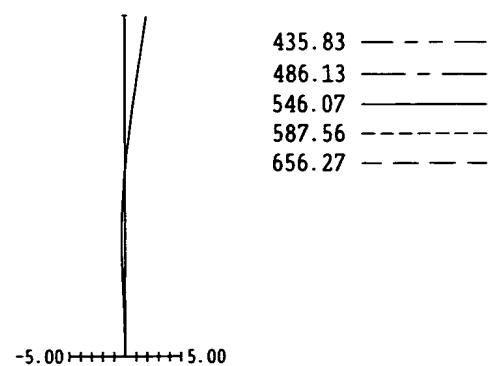


FIG. 30A

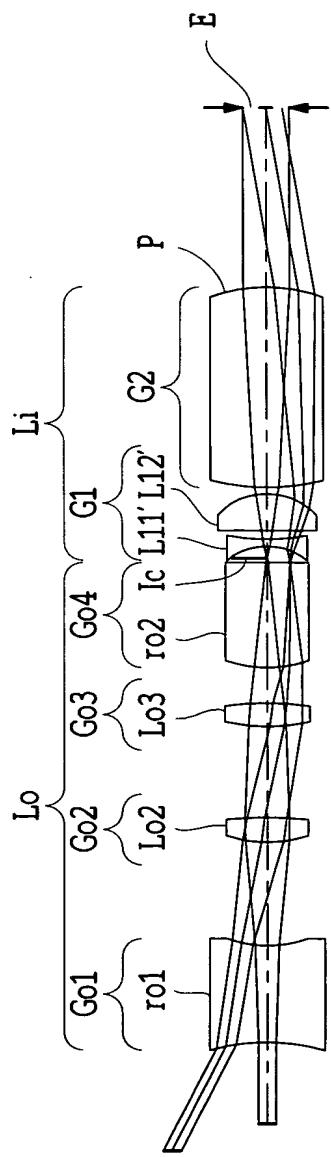


FIG. 30B

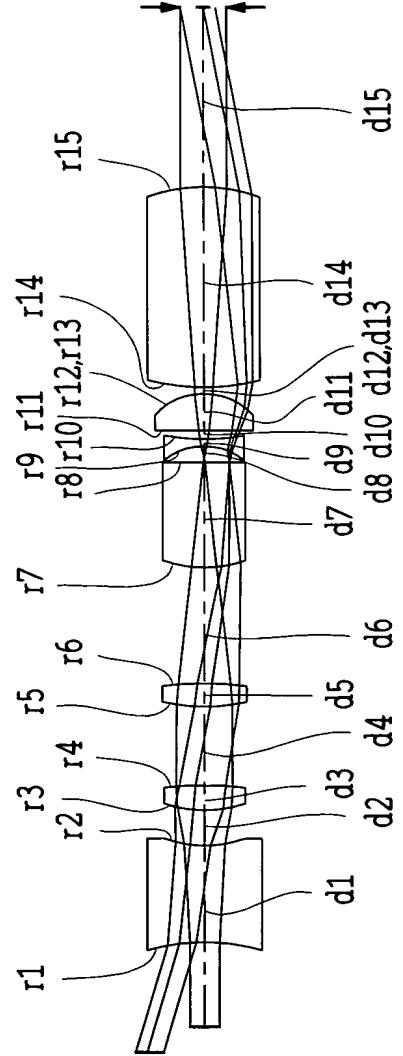


FIG. 30C

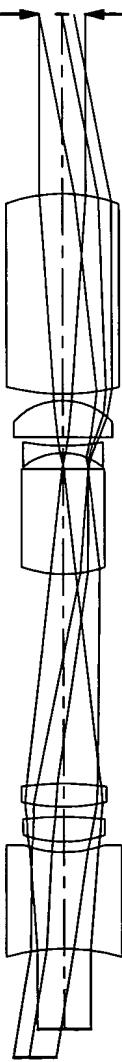


FIG. 31A

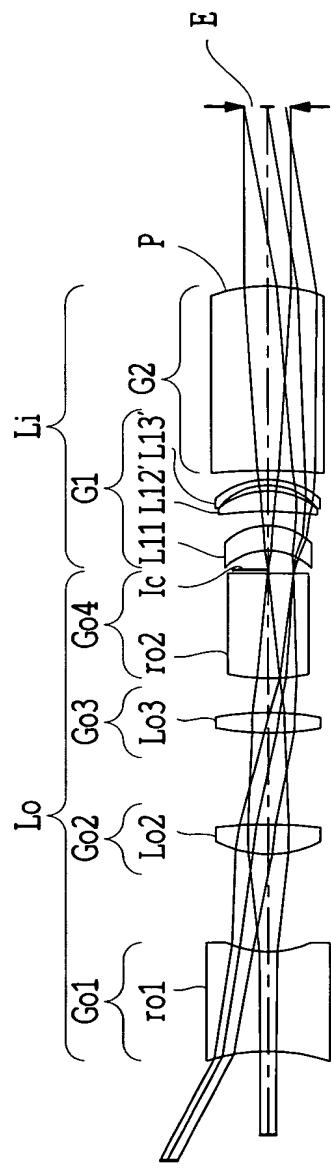


FIG. 31B

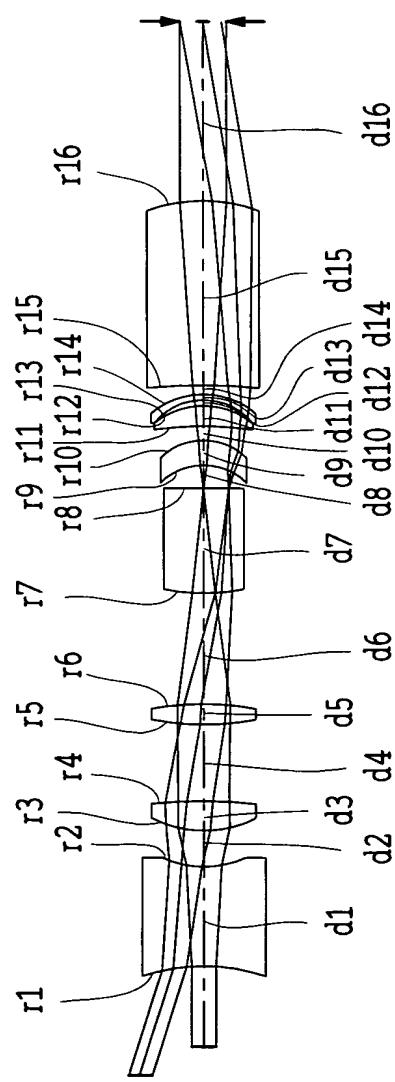


FIG. 31C

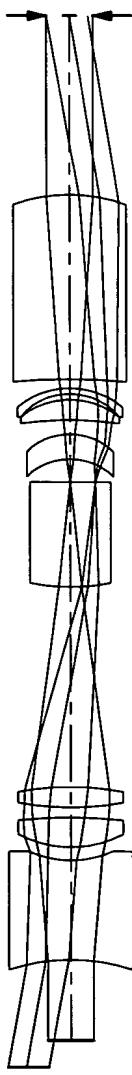


FIG. 32A

SPHERICAL
ABERRATION (dp)
FNO 281.122

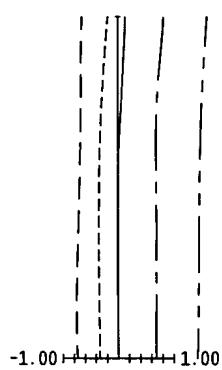


FIG. 32B

ASTIGMATISM (dp)
IH 25.34

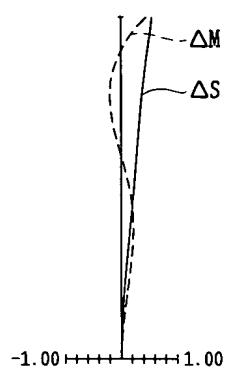


FIG. 32C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 35.34

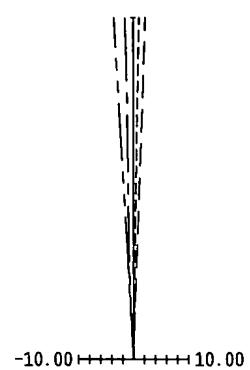


FIG. 32D

DISTORTION (%)
IH 25.34

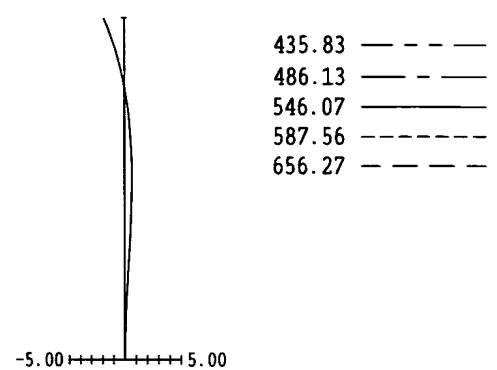


FIG. 33A

SPHERICAL
ABERRATION (dp)
FNO 230.342

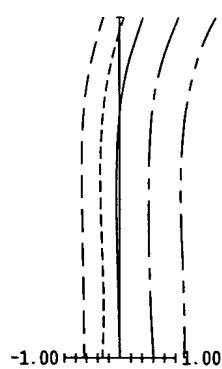


FIG. 33B

ASTIGMATISM (dp)
IH 15.56

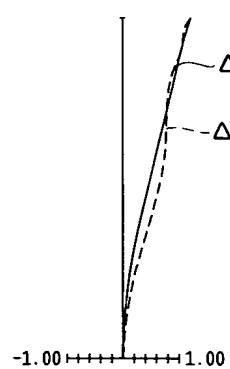


FIG. 33C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 15.56

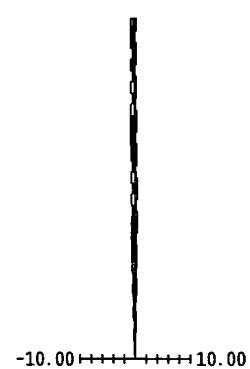


FIG. 33D

DISTORTION (%)
IH 15.56

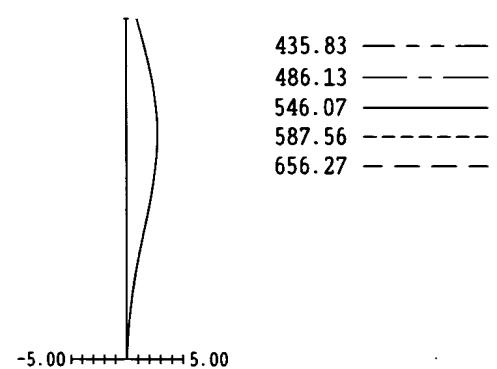


FIG. 34A

SPHERICAL
ABERRATION (dp)
FNO 206.652

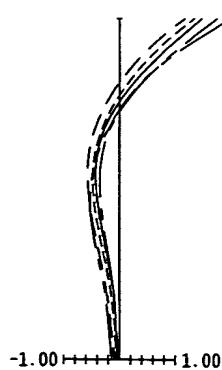


FIG. 34B

ASTIGMATISM (dp)
IH 9.43

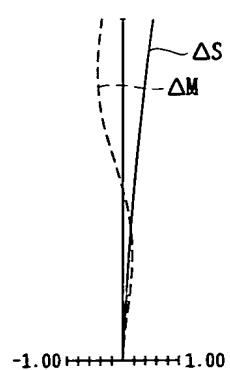


FIG. 34C

CHROMATIC ABERRATION
OF MAGNIFICATION (a)
IH 9.43

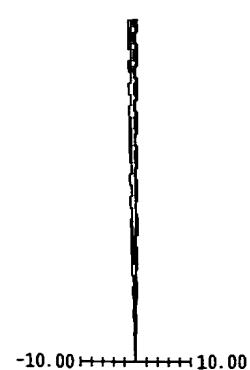


FIG. 34D

DISTORTION (%)
IH 9.43

